

FIG. 1

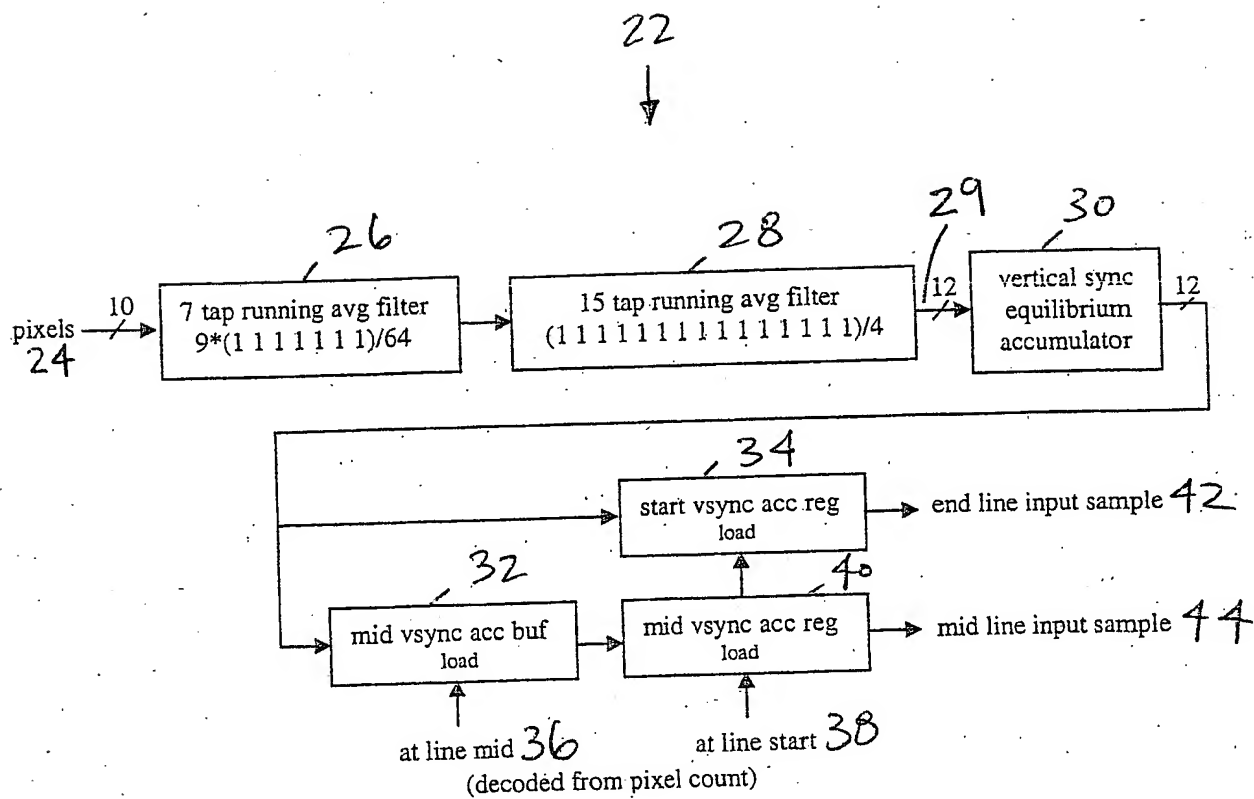


FIG. 2

30  
↓

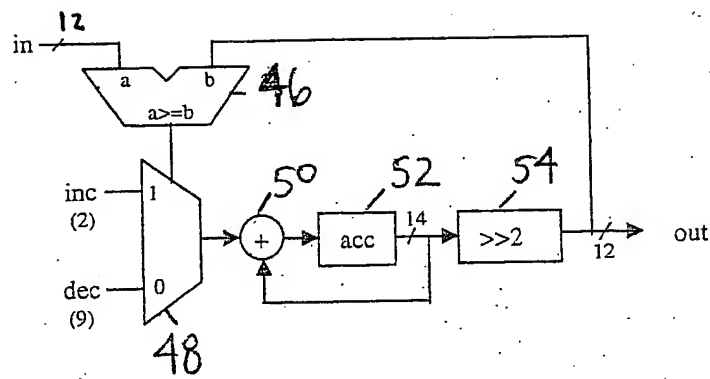


Fig. 3

102521.00347

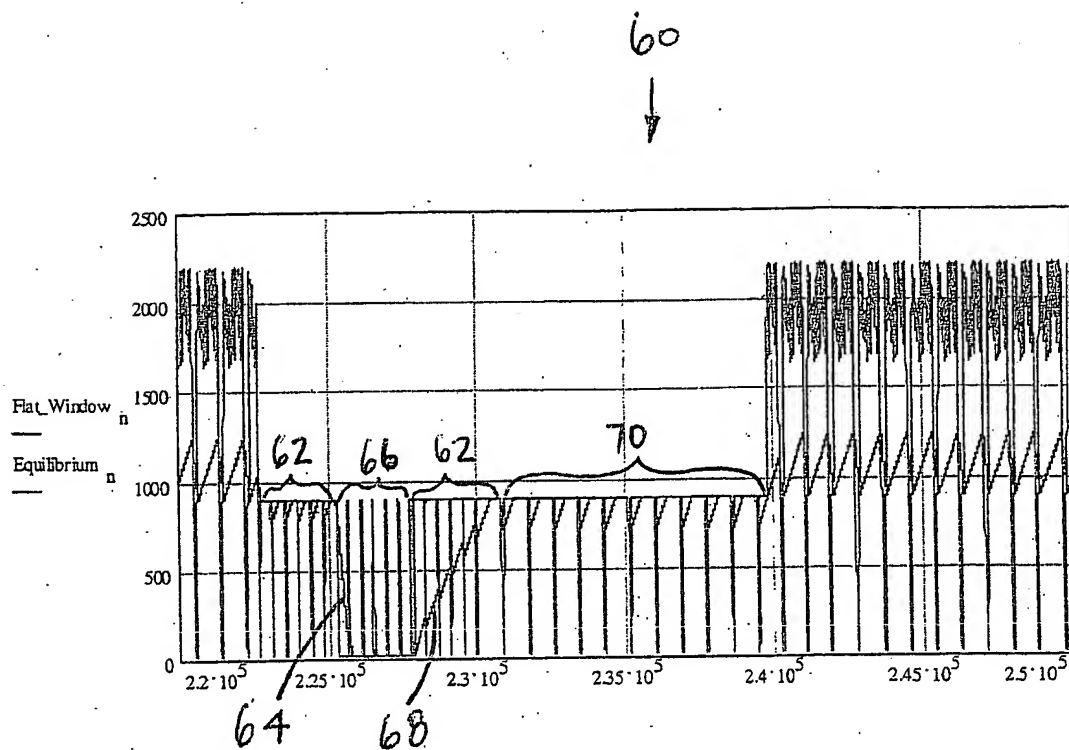


FIG. 4a

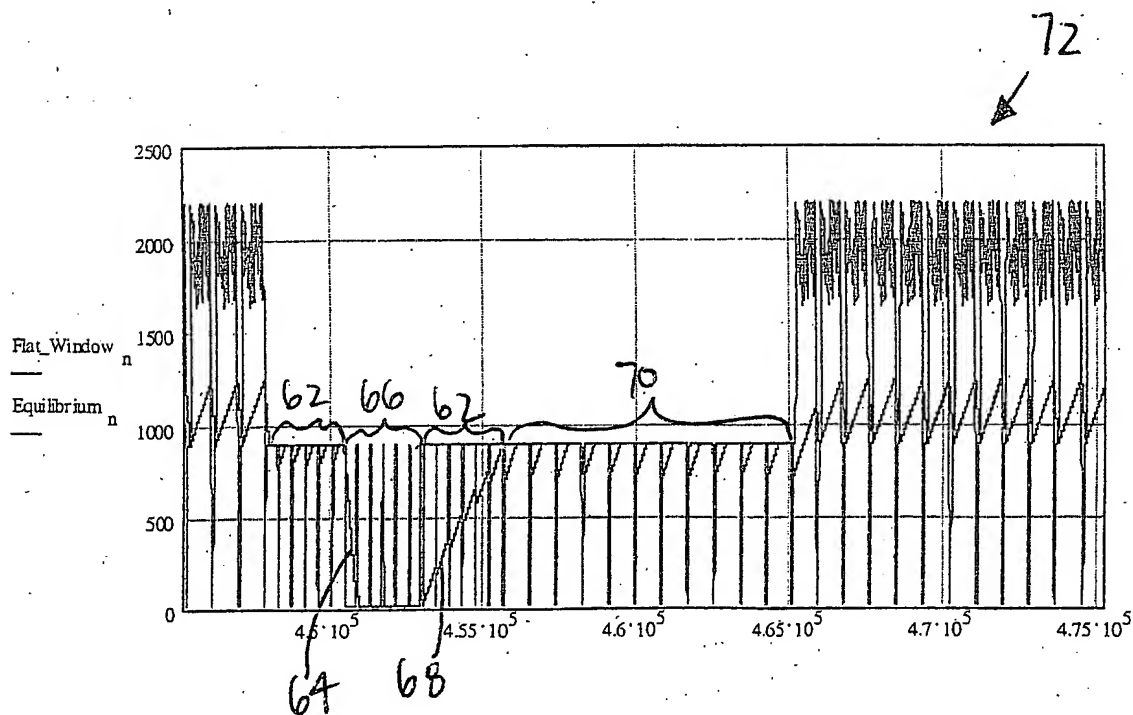


FIG. 4b

80  
↓

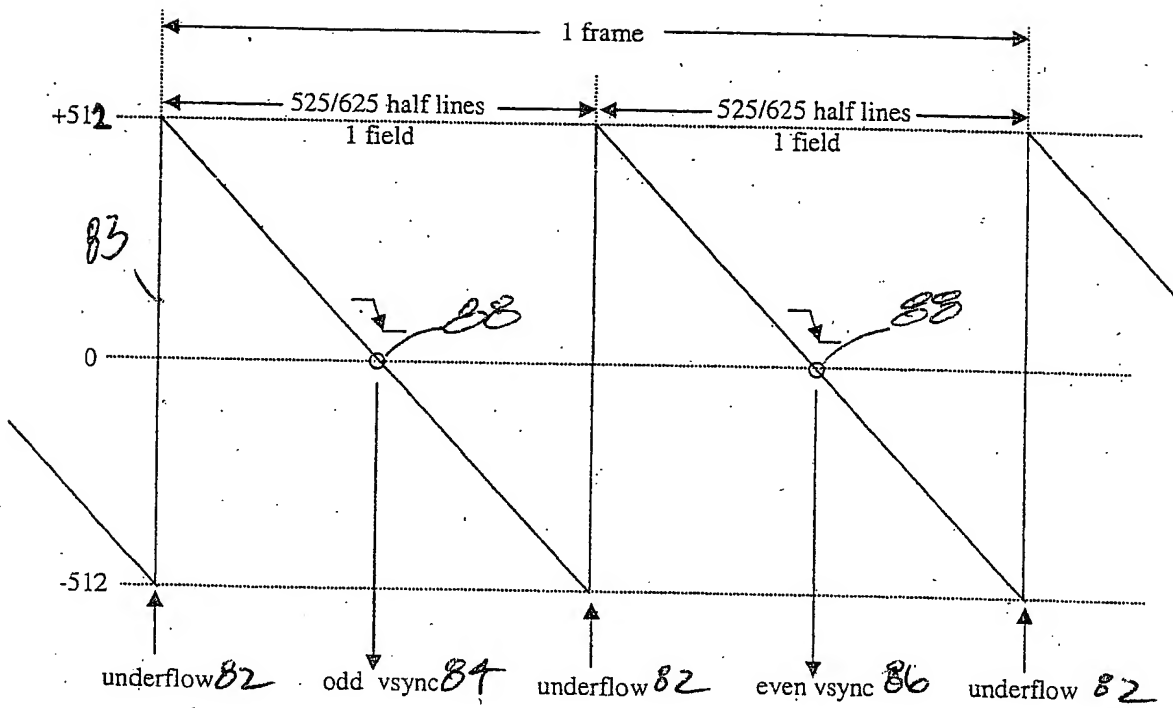


FIG. 5

90

# SYNC DETECTOR 92

flat filter output 29

vertical sync equilibrium acc -30

line mid 44

line end 42

acc

prev acc

blank level 70

trigger

sync height 112

sync level 68

falling edge zero crossing

zero crossing 88

field flag 218

vsync DTO 130

vsync 222

field ID 226

line start/end 42

line mid 44

5 half lines

+4 half

+9/2 +7/2 +5/2 +3/2 +1/2 -1/2 -3/2 -5/2 -7/2 -9/2

zero crossing

106

116

120

average

114

110

108

104

102

136

138

140

142

144

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158

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748

750

752

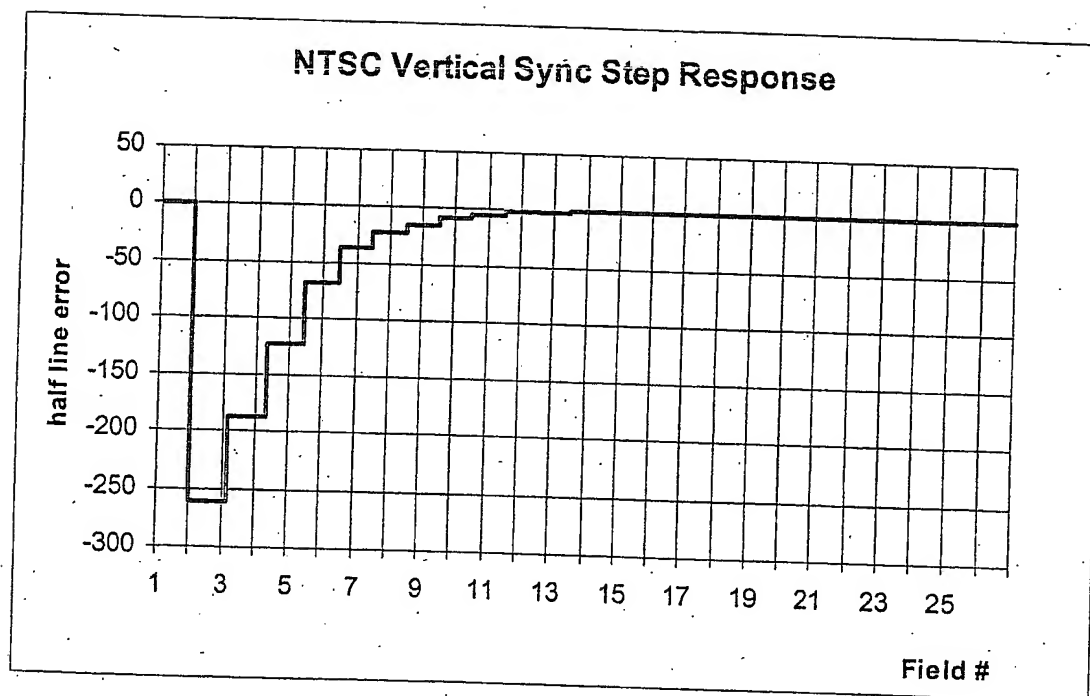


FIG. 7